

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 1265 | (433/173).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/05/25 09:04 |
| S2    | 1265 | (433/173).ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/01 14:42 |
| S3    | 6    | (433/173).ccls. and hybrid and ceramic and (cure or curable or cured or curing)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/01 14:53 |
| S4    | 58   | abutment and hybrid and ceramic and (cure or curable or cured or curing)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/01 14:56 |
| S5    | 204  | abutment and dental and ceramic and (cure or curable or cured or curing)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/01 18:34 |
| S6    | 4    | ((("6497573") or ("5321053"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/11/01 15:00 |
| S7    | 14   | ("5026280"   "5125839"   "5174755"   "5447435"   "5662473"   "5685714"   "5759036"   "5827062"   "5873722"   "5947732"   "5989026"   "6152737"   "6168435"   "6343930").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2005/11/01 17:26 |
| S8    | 49   | abutment and dental and ceramic and (cure or curable or cured or curing) and shoulder   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/02 10:09 |
| S9    | 61   | lawrence.in. and sims.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/02 10:12 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S10 | 2   | brian.in. and lindke.in.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/02 10:12 |
| S11 | 6   | yuichi.in. and ikenaga.in.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/02 10:13 |
| S12 | 623 | 433/201.1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/02 10:46 |
| S13 | 63  | (433/201.1).ccls. and ceramic and<br>(cure or cured or curing) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/02 11:22 |
| S14 | 219 | (433/212.1).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 12:51 |
| S15 | 0   | (2002/0025506).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 12:51 |
| S16 | 2   | ("20020025506").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 14:03 |
| S17 | 2   | ("20020197583").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 14:12 |
| S18 | 3   | ("6607386").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 14:36 |
| S19 | 2   | ("5346397").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 14:52 |

## EAST Search History

|     |     |                     |   |    |     |                  |
|-----|-----|---------------------|---|----|-----|------------------|
| S20 | 2   | ("6648645").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:20 |
| S21 | 2   | ("6540516").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:22 |
| S22 | 2   | ("6667112").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:25 |
| S23 | 2   | ("20040109783").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:26 |
| S24 | 2   | ("20040063070").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:33 |
| S25 | 2   | ("6290500").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:52 |
| S26 | 2   | ("6024567").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 15:56 |
| S27 | 2   | ("4895516").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 16:23 |
| S28 | 2   | ("6497573").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/02 16:23 |
| S29 | 379 | (433/202.1).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/03 10:36 |

## EAST Search History

|     |      |   |   |      |     |                  |
|-----|------|---|---|------|-----|------------------|
| S30 | 157  | (433/204).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/11/03 10:36 |
| S31 | 0    | shaping (cured or curing) alternat\$4<br>adding removing ceramic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | SAME | ON  | 2006/05/22 15:00 |
| S32 | 1    | shaping alternat\$4 adding removing<br>ceramic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | SAME | ON  | 2006/05/22 15:01 |
| S33 | 29   | alternat\$4 adding removing ceramic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | SAME | ON  | 2006/05/22 15:01 |
| S34 | 1316 | (433/173).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2006/05/25 09:04 |
| S35 | 2    | S34 and (hybrid adj ceramic)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND  | ON  | 2006/05/25 09:07 |
| S36 | 4    | S34 and (hybrid same ceramic)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND  | ON  | 2006/05/25 09:11 |
| S37 | 2    | S34 and (ceramic same partially<br>same curing)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND  | ON  | 2006/05/25 09:12 |
| S38 | 2    | S34 and (ceramic same partial\$3<br>same (cure or curing or cured))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND  | ON  | 2006/05/25 09:13 |
| S39 | 31   | (dental or dentistry) and (abutment<br>or implant) and (ceramic same<br>partial\$3 same (cure or curing or<br>cured)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND  | ON  | 2006/05/25 09:26 |

## EAST Search History

|     |    |   |   |     |    |                  |
|-----|----|---|---|-----|----|------------------|
| S40 | 31 | (dental or dentistry) and (abutment or implant) and ((ceramic or estenia) same partial\$3 same (cure or curing or cured))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 09:38 |
| S41 | 14 | ("4104798"   "4894012"   "4936776"   "5326263"   "5328372"   "5564929"   "5741139"   "5797748"   "5816816"   "5861445"   "5871359").PN. OR ("6267597").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2006/05/25 09:36 |
| S42 | 1  | S41 and (hybrid same ceramic)   | US-PGPUB;<br>USPAT;<br>USOCR                          | AND | ON | 2006/05/25 09:38 |
| S43 | 0  | (S41) and (abutment or implant) and ((ceramic or estenia) same partial\$3 same (cure or curing or cured))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 09:38 |
| S44 | 1  | (S41) and ((ceramic or estenia) same partial\$3 same (cure or curing or cured))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 09:40 |
| S45 | 49 | (US-5499918-\$ or US-5749731-\$ or US-5320117-\$ or US-5846079-\$ or US-5759036-\$ or US-5658147-\$ or US-5788494-\$ or US-5934906-\$ or US-5967782-\$ or US-5338196-\$ or US-5419702-\$ or US-5476383-\$ or US-5492471-\$ or US-5674071-\$ or US-5813858-\$ or US-RE36126-\$ or US-RE36689-\$ or US-6129548-\$ or US-5564921-\$ or US-5571016-\$ or US-6743018-\$ or US-6981873-\$ or US-5810592-\$ or US-6461160-\$ or US-5244390-\$ or US-6012923-\$).<br>did. or (US-5827062-\$ or US-6142782-\$ or US-6227857-\$ or US-6280195-\$ or US-6991462-\$ or US-4547157-\$ or US-5890902-\$ or US-5238405-\$ or US-5336090-\$ or US-5350302-\$ or US-5417568-\$ or US-5439380-\$ or US-5674069-\$ or US-5876204-\$ or US-4850873-\$ or US-5630717-\$ or US-5989028-\$ or US-6386876-\$ or US-5527182-\$ or US-5873721-\$ or US-6126445-\$ or US-6283753-\$ or US-5681167-\$).<br>did. | USPAT   | AND | ON | 2006/05/25 09:57 |

## EAST Search History

|     |        |   |   |     |    |                  |
|-----|--------|---|---|-----|----|------------------|
| S46 | 0      | (S45) and ((ceramic or estenia) same partial\$3 same (cure or curing or cured)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 09:40 |
| S47 | 1      | (S45) and (partial\$3 same (cure or curing or cured))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 09:41 |
| S48 | 0      | 10/358856.app   | USPAT   | AND | ON | 2006/05/25 09:58 |
| S49 | 0      | "10358856".app.   | USPAT   | AND | ON | 2006/05/25 09:58 |
| S50 | 1      | "10/358856".app.  | USPAT   | AND | ON | 2006/05/25 09:58 |
| S51 | 2      | estenien  | USPAT   | AND | ON | 2006/05/25 09:58 |
| S52 | 161963 | alternativ\$4 adding removing   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 12:54 |
| S53 | 19733  | alternativ\$4 adding removing ceramic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 12:59 |
| S54 | 116119 | alternativ\$4 (adding or addition or add or added) remov\$4 ceramic             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:00 |
| S55 | 22607  | hybrid ceramic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:00 |
| S56 | 262    | hybrid adj ceramic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:00 |
| S57 | 24     | (hybrid adj ceramic) same (addition or adding or added or add)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:01 |
| S58 | 3      | (hybrid adj ceramic) same (addition or adding or added or add) same (remov\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:02 |

## EAST Search History

|     |       |   |   |     |    |                  |
|-----|-------|---|---|-----|----|------------------|
| S59 | 81743 | (alternately or alternatively) same (addition or adding or added or add) same (remov\$5)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:03 |
| S60 | 1107  | (alternately or alternatively) same (addition or adding or added or add) same (remov\$5) same ceramic             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:04 |
| S61 | 98    | (alternately or alternatively) same (addition or adding or added or add) same (remov\$5) same ceramic and shaping | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:35 |
| S62 | 185   | shaping same adding same removing same material   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:35 |
| S63 | 185   | shaping same adding same removing same material   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:36 |
| S64 | 18    | shaping same adding same removing same material same ceramic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:36 |
| S65 | 0     | shaping same adding same removing same material same alternately  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:36 |
| S66 | 1     | shaping same adding same removing same material same alternate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | AND | ON | 2006/05/25 13:37 |

## EAST Search History

|     |       |   |   |      |     |                  |
|-----|-------|---|---|------|-----|------------------|
| S67 | 39    | (US-20030207224-\$ or US-20010006451-\$ or US-20020076673-\$ or US-20020095871-\$ or US-20020162482-\$ or US-20040221515-\$ or US-20050084819-\$ or US-20040063070-\$ or US-20040137410-\$ or US-20040109783-\$ or US-20020197583-\$ or US-20020025506-\$).did. or (US-5968424-\$ or US-6497573-\$ or US-5266536-\$ or US-4689013-\$ or US-6343930-\$ or US-6638069-\$ or US-6267597-\$ or US-5861445-\$ or US-6984261-\$ or US-6168435-\$ or US-6152737-\$ or US-6024567-\$ or US-5683249-\$ or US-5759036-\$ or US-6283753-\$ or US-5125839-\$ or US-6667112-\$ or US-6648645-\$ or US-6613273-\$ or US-6540516-\$ or US-6371763-\$ or US-5984683-\$ or US-6887077-\$ or US-6607386-\$ or US-6488503-\$ or US-4895516-\$). did. or (US-5346397-\$).did. | US-PGPUB;<br>USPAT                                    | AND  | ON  | 2006/09/28 08:31 |
| S68 | 15975 | abutment and shoulder and cur\$4  | US-PGPUB;<br>USPAT                                    | AND  | ON  | 2006/09/28 08:31 |
| S69 | 13    | S67 and abutment and shoulder and cur\$4  | US-PGPUB;<br>USPAT                                    | AND  | ON  | 2006/09/28 08:37 |
| S70 | 3     | (hybrid same ceramic same cur\$4) and abutment and shoulder   | US-PGPUB;<br>USPAT                                    | AND  | ON  | 2006/09/28 08:47 |
| S71 | 4     | ((("6497573") or ("5321053"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2006/09/28 08:41 |
| S72 | 203   | (ceramic same cur\$4) and abutment and shoulder   | US-PGPUB;<br>USPAT                                    | AND  | ON  | 2006/09/28 08:47 |
| S73 | 8     | (ceramic same cur\$4) same shoulder abutment  | US-PGPUB;<br>USPAT                                    | SAME | ON  | 2006/09/28 08:48 |
| S74 | 518   | (433/172).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2006/09/29 15:56 |
| S75 | 533   | (433/174).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2006/09/29 15:56 |



## EAST Search History

|     |    |                 |   |    |     |                  |
|-----|----|-----------------|---|----|-----|------------------|
| S76 | 84 | (433/175).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/09/29 15:56 |
|-----|----|-----------------|---|----|-----|------------------|